## EO C306.02 – CORRECT MARKSMANSHIP ERROR

1. **Performance.** Correct Marksmanship Error.

2. **Conditions**

   a. Given:

      (1) Cadet air rifle,

      (2) Supervision, and

      (3) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Air rifle range constructed IAW A-CR-CCP-177/PT-001, Part 1, Section 8.

3. **Standard.** The cadet shall correct marksmanship error by adjusting:

   a. elevation, and

   b. windage.

4. **Teaching Points**

| TP | Description | Method | Time | Ref |
|---|---|---|---|---|
| TP1 | Explain centring the group, to include:<br>a. the theory of a group, and<br>b. mean point of impact (MPI). | Interactive Lecture | 10 min | C2-097 (p. 29) |
| TP2 | Explain sight adjustment, to include:<br>a. the purpose of sight adjustment,<br>b. elevation,<br>c. windage, and<br>d. a zeroed cadet air rifle. | Interactive Lecture | 10 min | C2-098 (p. 303, p. 304) |
| TP3 | Explain the increments of sight adjustment, to include:<br>a. sight adjustment of the cadet air rifle;<br>b. lowering and raising the elevation; and<br>c. moving the windage left and right. | Interactive Lecture | 5 min | A0-027 (p. 2-11) |
| TP4 | Conduct a sight adjustment exercise as follows:<br>a. Give the cadet a sight adjustment handout. Each target has a distinctive set of pellet impacts off-centre from the bull's eye.<br>b. Have the cadet determine where the MPI of each target is located.<br>c. Have the cadet determine the increments of sight adjustment required to move the MPI to the bull's eye. | Practical Activity | 30 min | |



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| TP | Description | Method | Time | Ref |
|---|---|---|---|---|
| | d. Have the cadet adjust the sights on the cadet air rifle. | | | |

5. **Time**

| | | |
|---|---|---|
| a. | Introduction/Conclusion: | 5 min |
| b. | Interactive Lecture: | 25 min |
| c. | Practical Activity: | 30 min |
| d. | Total: | 60 min |

6. **Substantiation**

a. An interactive lecture was chosen for TPs 1–3 to give an overview of the theories and the practice of adjusting sights.

b. A practical activity was chosen for TP 4 as it is an interactive way to introduce and allow cadets to experience adjusting sights on the cadet air rifle in a controlled environment. This activity contributes to the development of sight adjustment skills and knowledge in a fun and challenging setting.

7. **References**

a. A0-027 A-CR-CCP-177/PT-001 Director Cadets 3. (2001). *Canadian Cadet Movement: Cadet Marksmanship Program Reference Manual*. Ottawa, ON: Department of National Defence.

b. C2-097 Ontario Rifle Association. (2003). *Ontario Rifle Association Handbook for New Member*. Haliburton County, ON: MilCun Marksmanship Complex.

c. C2-098 Constantine, R. (1998). *Modern Highpower Competition: From Beginner to Master*. Manchester, CT: Precision Shooting Inc.

8. **Training Aids**

a. Presentation aids (eg, whiteboard/flip chart/OHP) appropriate for the classroom/training area,

b. Cadet air rifle, and

c. Sight adjustment handout.

9. **Learning Aids**

a. Cadet air rifle,

b. Sight adjustment handout, and

c. Pen/pencil.

10. **Test Details.** N/A.

11. **Remarks.** N/A.



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